PATENT 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

MARGUERITE A. CERVIN ET. AL.

CASE NO.: CL2180USNA

APPLICATION NO.: 10/680286

CONFIRMATION NO.: 5853

GROUP ART UNIT: 1645

EXAMINER: UNKNOWN

FILED: OCTOBER 06, 2003

FOR: PROCESS FOR THE BIOLOGICAL PRODUCTION OF 1,3-PROPANEDIOL WITH  
HIGH YIELDINFORMATION DISCLOSURE STATEMENTCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

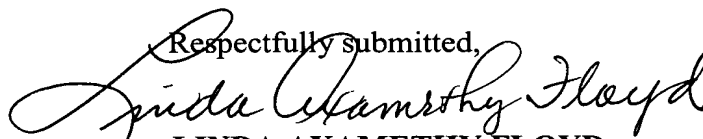
In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. A copy of the information is also enclosed.

Applicant(s) also bring to the attention of the Patent and Trademark Office the following pending U.S. application(s) attached hereto:

Application No.	Filing Date	Inventor
60/374931 (expired)	April 22, 2002	Mark S. Payne et al.
10/420587	April 22, 2003	Mark S. Payne et al.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

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Enclosures



Approved for use through 07/31/2006. OMB 0561-0031  
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This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**





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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

### Complete if Known

Application Number	10/680286
Filing Date	October 06, 2003
First Named Inventor	MARGUERITE A. CERVIN ET. AL.
Group Art Unit	1645
Examiner Name	UNKNOWN
Attorney Docket Number	CL2180USNA

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	ROLF DANIEL ET AL., Biochemistry of Coenzyme B12-dependent glycerol and diol dehydratases and organization of the encoding genes, FEMS Microbiology Reviews, Vol. 22:553-566, 1999	<input type="checkbox"/>
	2	TETSUO TORAYA ET AL., A Reactivating Factor for Coenzyme B12-dependent Diol Dehydratase, J. Biol. Chem., Vol. 274(6):3372-3377, 1999	<input type="checkbox"/>
	3	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 5069449, ACCESSION NO. AF026270, OCTOBER 19, 1999, THE CONTROL REGION OF THE PDU/COB REGULON IN SALMONELLA TYPHIMURIUM, P. CHEN ET AL.	<input type="checkbox"/>
	4	WANG ET AL., Cloning, Sequence, and Disruption of the Saccharomyces diastaticus DAR1 Gene Encoding a Glycerol-3-Phosphate Dehydrogenase, J. Bact., Vol. 176:7091-7095, 1994	<input type="checkbox"/>
	5	JOAKIM NORBECK ET AL., Purification and Characterization of Two Isoenzymes of DL-Glycerol-3-phosphatase from Saccharomyces cerevisiae, J. Biol. Chem., Vol. 271(23):13875-13881, 1996	<input type="checkbox"/>
	6	V. HERNANDEZ-MONTALVO ET AL., Characterization of Sugar Mixtures utilization by an Escherichia coli mutant devoid of the phosphotransferase system, Appl. Microbiol. Biotechnol., Vol. 57:186-191, 2001	<input type="checkbox"/>
	7	KATRIN LARSSON ET AL., A gene encoding sn-glycerol 3-phosphate dehydrogenase (NAD+) complements an osmosensitive mutant of Saccharomyces cerevisiae, Mol. Microbiol., Vol. 10:1101-1111, 1993	<input type="checkbox"/>
	8	JACOBUS ALBERTYN ET AL., GPD1, Which Encodes Glycerol-3-Phosphate Dehydrogenase, Is Essential for Growth under Osmotic Stress in Saccharomyces cerevisiae, and Its Expression Is Regulated by the High-Osmolarity Glycerol Response Pathway, Mol. and Cellular Biology, Vol. 14(6):4135-4144, 1994	<input type="checkbox"/>
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Examiner  
Signature

Date  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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